

# **COMPILATION OF APPROVED SPECIFICATIONS**

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION  
2004 EDITION**

**REVISIONS  
SUPPLEMENTAL SPECIFICATIONS  
SPECIAL PROVISIONS**

**SUPPLEMENT NO. 3**

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Revise **Section 101; Definitions and Terms**, pages 1-1 through 1-11 of the Rhode Island Standard Specifications for Road and Bridge Construction, 2004 Edition as follows.

## **SECTION 101**

### **DEFINITIONS AND TERMS**

- **Revise the following Definition.**

**101.49 PROPOSAL FORM.** The prescribed form, generated by the Quest Lite bid preparation software, on which the offer of a bidder is submitted.

- **Add the following new Definitions.**

**101.12.1 CONTRACT AWARD BOOKLET.** A document provided to the Contractor after the award of the Contract containing the following elements of the Contract Documents: Notice to Contractors; the Bidder's Proposal; executed copies of both the Contract Agreement and Contract Bonds; and a Contract Award compact disk (CD) containing the RI Standard Specifications for Road and Bridge Construction, Supplemental Specifications, Special Provisions, Required Contract Provisions for Federal-Aid Projects, Federal Wage Rates, all Contract Addenda issued prior to the date of the opening of proposals, Distribution of Quantities, Plans, Appendices and Bid Analysis Reports.

**101.12.2 CONTRACT BID PACKAGE.** A compact disk (CD) containing the following items, provided to prospective bidders for bid preparation purposes: RI Standard Specifications for Road and Bridge Construction, Supplemental Specifications, Special Provisions, Required Contract Provisions for Federal-Aid Projects, Federal Wage Rates, Distribution of Quantities, Plans, Appendices, the Quest Lite installation software and the Quest Lite bid file.

- **Delete the following Definition.**

**101.65 SPECIFICATION BOOKLET. [DEFINITION DELETED]**

Delete **Subsection 102.02; Contents of Proposal Forms**, pages 1-11 and 1-12 of the RI Standard Specifications for Road and Bridge Construction, 2004 Edition in its entirety and replace with the following.

## **102.02**

### **CONTENTS OF PROPOSAL FORMS**

**102.02 CONTENTS OF PROPOSAL FORMS.** The completed Proposal Form is generated by the Department's Quest Lite bid preparation software, which is furnished to the prospective bidder on compact disk (CD) as part of the Contract Bid Package with the Plans, Specifications and additional contract bid documents in accordance with the instructions set forth in the Notice to Contractors.

The Proposal Form consists of three parts. The first part, the "Preamble," outlines the various understandings and agreements required of the prospective bidder as conditions to its offer to perform the stated work. The second part, the "Bid Schedule," is that portion of the form where the various items of work are listed in a numbered sequence, and includes the unit prices entered by the bidder and total bid amounts of each item, which are computed by Quest Lite. The third part of the form is the "Signature Page," which includes the "Total, or Gross Sum of Bid" and which must be signed by the bidder or his authorized signatory. This signature signifies the bidder's acceptance of all requirements and conditions of the Contract and its agreement to substantially complete the work by a calendar date certain.

The Plans, Specifications and other contract bid documents designated in the Proposal Form will be considered a part of the Proposal.

When applicable, prospective bidders will be required to pay the Department the sum stated in the Notice to Contractors for each set of Contract Bid Packages taken out by said bidders.

In the case of joint ventures, Contract Bid Packages must be taken by the Joint Venture; this does not, however, preclude entities comprising the Joint Venture from taking out Contract Bid Packages independently. In addition, the Joint Venture must be independently registered as a user of the Department's Electronic Bidding System known as Quest Lite.

Revise **Subsection 105.05; Cooperation By Contractor**, page 1-32 of the RI Standard Specifications for Road and Bridge Construction, 2004 Edition as follows.

**105.05**

**COOPERATION BY CONTRACTOR**

- **Replace the first paragraph of Subsection 105.05 with the following.**

**105.05 COOPERATION BY CONTRACTOR.** The Department will supply the Contractor with a Contract Award Booklet containing a Contract Award compact disk (CD), from which the plans, specifications, contract addenda and other contract documents may be printed. The Contractor will be required to keep one set of printed copies of the Contract Documents available on the project site at all times.

[Remainder of Subsection is unchanged]

Revise **Subsections 202.03.3(a); Compaction-General** and **301.03.2; Shaping and Compaction**, pages 2-19 and 3-1 of the RI Standard Specifications for Road and Bridge Construction, 2004 Edition as follows.

**SECTION 202**

**EXCAVATION AND EMBANKMENT**

**&**

**SECTION 301**

**AGGREGATE AND GRAVEL BASE COURSES**

- **Replace Subsection 202.03.3(a) with the following.**

**a. Densities.**

1. Maximum density and optimum moisture content will be determined by AASHTO T180.
2. Field density of soil in place will be determined by either AASHTO T191 or a nuclear moisture density gauge conforming to AASHTO T310.
3. The method of correcting for oversize particles in soil compaction test results, if necessary, will conform to AASHTO T224.

- **Add the following paragraph to Subsection 301.03.2.**

Field moisture content for Gravel Borrow shall be adjusted, if necessary, to be no greater than two percent (+2%) above the optimum moisture content.

Revise **Subsection 701.02.1(a); Smooth Interior Corrugated Polyethylene Pipe**, page 7-1 of the RI Standard Specifications for Road and Bridge Construction, 2004 Edition as follows.

## **SECTION 701**

### **CULVERTS AND STORM DRAINS**

- **Replace paragraph (1) of Subsection 701.02.1(a) with the following.**

1. The pipe shall be Type S, subscribe to the requirements of the Eastern States Consortium (ESC) for High Density Polyethylene Pipe, and shall be included in the Department's Approved Materials List.

[Remainder of Subsection is unchanged]

Revise **Subsections 804.04.4 and 804.05.2; Pile Cut-offs and 804.04.11; Incidental Items**, pages 8-25 and 8-26 of the RI Standard Specifications for Road and Bridge Construction, 2004 Edition as follows.

## **804**

### **DRIVEN PILES**

- **Replace Subsection 804.04.4 with the following.**

**804.04.4 Pile Cut-offs.** Pile Cut-offs will not be measured separately for payment.

- **Replace Subsection 804.04.11 with the following.**

**804.04.11 Incidental Items.** The following items of work shall not be measured separately for payment, but shall be considered incidental to the other items of work inherent to this Section unless listed separately for payment in the contract documents: Wave Equation Analysis; Pre-Construction Survey and Monitoring; Layout, Elevation and Location Control; Templates and Support Spuds; Measurement and Marking; Pile Splices; Concrete Encasement for H-Piles; Cleanout and Dewatering of Shell Piles and Pipe Piles; Collars, Bands, Strapping and Trimming for Timber Piles; Extensions of Precast/Prestressed Concrete Piles; Hammer Cushions; Drive Heads; Pile Cushions; Pile Cutoffs; Leads; Followers; Jetting; Mobilization and Demobilization of equipment; and Steel Reinforcement Anchorages and Welding (materials and labor).

- **Replace Subsection 804.05.2 with the following.**

**804.05.2 Pile Cut-offs.** No separate payment will be made for this work, but will instead be included as an incidental under the payment for "Piles Furnished and Driven" or "Piles Driven" as appropriate, under **Subsection 804.05.1** of these Specifications



Delete **Subsection 805.05.7; Basis of Payment - Ground Anchors**, page 8-36 of Part 800, Bridge Structures of the R.I. Standard Specifications for Road and Bridge Construction, 2004 Edition in its entirety and replace with the following:

## **SECTION 805**

### **EARTH RETAINING SYSTEMS**

#### **805.05 BASIS OF PAYMENT**

**805.05.7 Ground Anchors.** The accepted quantity of “Ground Anchors” shall be paid for at the contract unit price per each as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, equipment, tools and materials, and all other incidentals required to furnish and install the ground anchors, including testing, complete and accepted by the Engineer.

Delete **Section 815; Latex Modified Concrete for Bridge Overlays**, and **Subsection M.02.08; Latex Emulsion Admixture**, pages 8-102 through 8-105 and M-10 of the R.I. Standard Specifications for Road and Bridge Construction, 2004 Edition in their entirety.

**SECTION 815**

**LATEX MODIFIED CONCRETE FOR BRIDGE OVERLAYS**

**[SECTION DELETED]**

**M.02.08**

**LATEX EMULSION ADMIXTURE**

**[SUBSECTION DELETED]**

**901.0198**  
**GUARDRAIL END TREATMENT - NON-ENERGY ABSORBING TERMINAL**

**901.0199**  
**GUARDRAIL END TREATMENT - ENERGY ABSORBING TERMINAL**

**DESCRIPTION.** Work under these items shall consist of furnishing and installing NCHRP 350 Test Level 3 (TL-3) approved guardrail end terminal sections at the locations designated on the plans or as directed by the Engineer.

**MATERIALS.** The energy and non-energy absorbing guardrail end terminals shall be products listed on the Department's approved materials list, or approved equals. Any products not included on the approved materials list shall be tested and verified as meeting all the criteria for NCHRP350, Test Level 3.

**CONSTRUCTION METHODS.** The guardrail end treatments shall be installed per the manufacturer's recommendations. Prior to installation, the Contractor shall furnish three (3) copies of the manufacturer's installation manual to the Engineer.

Shop Drawings for the guardrail terminal sections shall be submitted by the Contractor in accordance with the provisions of **Subsection 105.02** of the Standard Specifications.

**METHOD OF MEASUREMENT.** "Guardrail End Treatment - Non-Energy Absorbing Terminal" and "Guardrail End Treatment - Energy Absorbing Terminal" will be measured by the number of units installed in accordance with the Plans and/or as directed by the Engineer.

**BASIS OF PAYMENT.** The accepted quantities of "Guardrail End Treatment - Non-Energy Absorbing Terminal" and "Guardrail End Treatment - Energy Absorbing Terminal" will be paid for at the contract unit price per each as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, tools, materials, equipment, accessories, hardware and all other incidentals required to finish the work, complete and accepted by the Engineer.